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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/664,200	09/16/2003	Kehsing J. Chou	SVL920030068US1	3889

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EXAMINER

LY, CHEYNE D

ART UNIT PAPER NUMBER

2168

DATE MAILED: 03/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/664,200	Applicant(s) CHOU ET AL.	
	Examiner Cheyne D. Ly	Art Unit 2168	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>9/16/2003</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

1. Claims 1-30 are examined on the merits.
2. The IDS, filed September 16, 2003, has been considered.

OBJECTIONS

3. The abstract of the disclosure is objected to because said abstract exceeds 150 words in length. The instant abstract has 167 words. Correction is required. See MPEP § 608.01(b).

CLAIM REJECTIONS - 35 USC § 101

4. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

5. Claims 17-23 are rejected under 35 U.S.C. 101 because the claimed invention is directed to nonstatutory subject matter.
6. Claims 17-23 are directed to computer program comprising instruction codes which are considered to be descriptive material. Descriptive material are nonstatutory when claimed as descriptive material per se. (Warmerdam, 33 F. 3d at 1360, 31 USPQ2d at 1759).

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claims 1-30 are rejected under 35 U.S.C. 102(b) as being anticipated by Chang et al. (US 2002/0026443 A1) (Chang hereafter).
9. In regard to claim 1, Chang discloses a method of managing a persistent federated folder within a federated content management system, comprising:
 - a. Creating the persistent (page 12, [0169], especially lines 5-7 of the cited paragraph) federated folder on a local datastore within the federated content management system (page 6, [0087]-[0090], and pages 7-8, [0099]-[0107]);
 - b. Mapping a plurality of entities to the persistent federated folder (page 2, [0027]).
 - c. Updating (page 2, [0019]) the persistent federated folder by modifying a members list, and updating attributes of the persistent federated folder (page 6, [0088]-[0090]. It is noted that the cited methods of addMember and removeMember inherently modifies a members list.
 - d. Deleting the persistent federated folder (page 14, [0232]). It is noted that Chang discloses the federated folder cited above as a type of "object." Therefore, the above citation of "the add, del, and update operations only affect the object in the persistent store" supports that "deleting the persistent federated folder" is inherent disclosed in the cited method.
10. In regard to claim 2, Chang discloses modifying the members list comprises adding at least one new member (page 6, [0088]).
11. In regard to claim 3, Chang discloses modifying the members list comprises removing at least one member (page 6, [0090]).

12. In regard to claim 4, Chang discloses selecting items in the plurality of entities as a result of a search (page 5, [0077]).
13. In regard to claim 5, Chang discloses a user selecting items in the plurality of entities (page 5, [0072] and [0078]).
14. In regard to claim 6, Chang discloses an application selecting items in the plurality of entities (page 5, [0076]).
15. In regard to claim 7, Chang discloses saving (pages 11-12, [0164]-[0165], especially the “set Pid(Pid aPid) method) a persistent identifier reference (page 5, [0080], ItemId in the disclosed table) in the persistent federated folder for each of the items in the entities selected as a result of the search (page 5, [0077]).
16. In regard to claim 8, Chang discloses saving (pages 11-12, [0164]-[0165], especially the “set Pid(Pid aPid) method) a persistent identifier reference (page 5, [0080], ItemId in the disclosed table) in the persistent federated folder for each of the items in the entities selected as a result of the user (page 5, [0072] and [0078]).
17. In regard to claim 9, Chang discloses saving (pages 11-12, [0164]-[0165], especially the “set Pid(Pid aPid)” method) a persistent identifier reference (page 5, [0080], ItemId in the disclosed table) in the persistent federated folder for each of the items in the entities selected as a result of the user (page 5, [0076]).
18. In regard to claim 10, Chang discloses deleting the persistent federated folder does not delete items referenced in the persistent federated folder (page 14, [0232]). It is noted that Chang discloses the federated folder cited above as a type of “object” (page 6, [0081]). The objects reference the entities (page 5, [0080]) in the digital library (DL)

(page 1, [0012]-[0013]). Therefore, the above citation of “the add, del, and update operations only affect the object in the persistent store; they do not change the copy in main memory” supports that “deleting the persistent federated folder delete items referenced in the persistent federated folder” is inherent disclosed in the cited method.

19. In regard to claim 11, Chang discloses the persistent federated folder contains at least one persistent federated folder (page 5, [0080]).
20. In regard to claim 12, Chang discloses the persistent federated folder contains members from entities originating from heterogenous datastores (Abstract etc. and page 2, [0019]).
21. In regard to claim 13, Chang disclose the persistent federated folder contains members from an entity of the persistent federated folder (page 5, [0077] and [0080]).
22. In regard to claim 14, Chang discloses the persistent federated folder integrates seamlessly within the federated content management system allowing a federated query to operate transparently (page 2, [0015]) with respect to a client (page 2, [0020]-[0027]).
23. In regard to claim 15, Chang disclose the persistent federated folder system limits access rights of users according to users’ general privileges (page 18, [0318]-[0319]).
24. In regard to claim 16, Chang discloses providing administrative support for creating, mapping, and administering the persistent federated folder (page 27, [0519], to page 33, [0676], especially the Supporting classes beginning at [0522]).
25. In regard to claims 17-30, Chang discloses the above-cited method has been implemented in a computer program product and system (page 3, [0039], to page 4, [0061]). Specific to claims 24-30, the recitation of “mean for...” has been interpreted as Applicant’s attempt to invoke 35 U.S.C. 112, sixth paragraph. However, the instant disclosure does

not specifically define the structures necessary for each “means for...” limitation.

Therefore, the system cited above has been interpreted as comprising the respective “means for” limitations as exemplified by the instant specification (page 13, [0046], to page 17, [0060]).

CONCLUSION

26. The prior art made of record and not relied upon is considered pertinent to applicant’s disclosure:

- e. Chang et al. (US006272488B1).
- f. Software Announcement, March 25, 2003, IBM Corporation (pages 1-5, especially page 2, column 2, lines 4-19).
- g. Software Announcement, August 26, 2003, IBM Corporation (pages 1-16, especially page 3, column 1, 4th paragraph, to column 2, line 2).

27. Patent applicants with problems or questions regarding electronic images that can be viewed in the Patent Application Information Retrieval system (PAIR) can now contact the USPTO's Patent Electronic Business Center (Patent EBC) for assistance. Representatives are available to answer your questions daily from 6 am to midnight (EST). The toll free number is (866) 217-9197. When calling please have your application serial or patent number, the type of document you are having an image problem with, the number of pages and the specific nature of the problem. The Patent Electronic Business Center will notify applicants of the resolution of the problem within 5-7 business days. Applicants can also check PAIR to confirm that the problem has been corrected. The USPTO's Patent Electronic Business Center is a complete service center

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supporting all patent business on the Internet. The USPTO's PAIR system provides Internet-based access to patent application status and history information. It also enables applicants to view the scanned images of their own application file folder(s) as well as general patent information available to the public.

28. For all other customer support, please call the USPTO Call Center (UCC) at 800-786-9199. The USPTO's official fax number is 571-272-8300.

29. Any inquiry concerning this communication or earlier communications from the examiner should be directed to C. Dune Ly, whose telephone number is (571) 272-0716.

The examiner can normally be reached on Monday-Friday from 8 A.M. to 4 P.M.

30. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim Vo, can be reached on (571) 272-3642.

C. Dune Ly 
Patent Examiner
3/20/06